

ABSTRACT

A pick mechanism located on one side of a paper tray includes a plurality of gears, linkage bars and a pickup roller to form a mechanism with a high degree of freedom. The pickup roller may be driven to rotate in the direction of paper feeding to generate a torque to apply a force on the top sheet of the paper tray and provide an automatic
5 compensation for the pickup force. Furthermore, the mechanism is simply structured to save cost and space.